

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074304.D
 Acq On : 02 Sep 2022 23:01
 Operator : JC\MD
 Sample : N4376-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 03 04:42:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

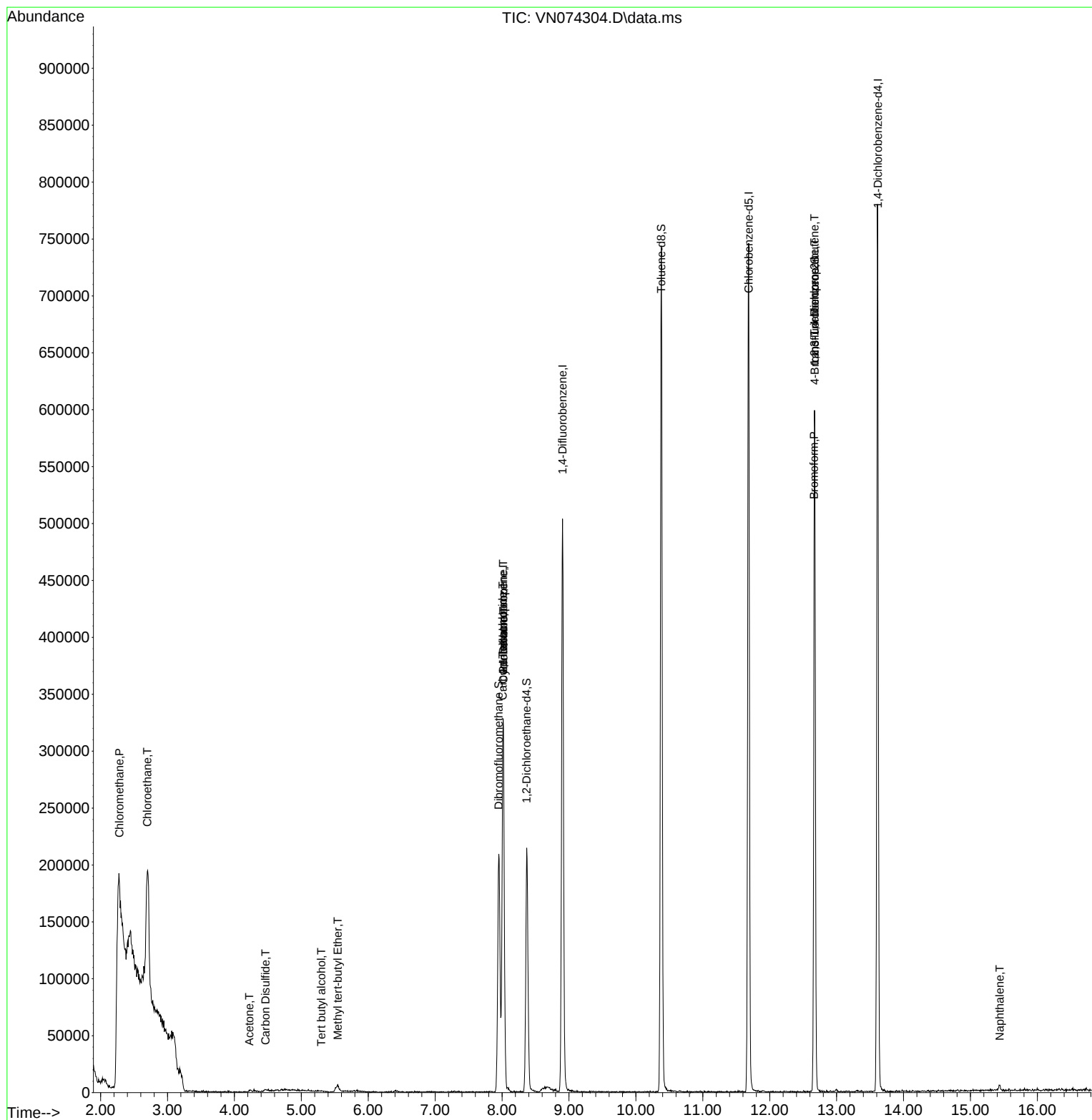
Internal Standards						
1) Pentafluorobenzene	8.016	168	243889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	431326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	419788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	189291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	167122	43.959	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.920%
35) Dibromofluoromethane	7.951	113	143433	50.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.360%
50) Toluene-d8	10.380	98	503154	44.644	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.280%
62) 4-Bromofluorobenzene	12.674	95	180087	44.028	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.060%
Target Compounds						
					Qvalue	
3) Chloromethane	2.281	50	14371	4.313	ug/l #	43
6) Chloroethane	2.699	64	177738	36.398	ug/l #	46
11) Tert butyl alcohol	5.298	59	235	0.341	ug/l #	72
16) Acetone	4.222	43	959	0.604	ug/l #	85
17) Carbon Disulfide	4.463	76	2422	0.404	ug/l #	75
19) Methyl tert-butyl Ether	5.545	73	8848	0.930	ug/l #	77
20) Methylene Chloride	5.010	84	99	Below Cal	#	10
31) Cyclohexane	8.022	56	6727	1.325	ug/l #	45
36) 1,1-Dichloropropene	8.016	75	21404	5.276	ug/l #	50
38) Carbon Tetrachloride	8.010	117	26212	6.396	ug/l #	15
71) Bromoform	12.663	173	2117	0.857	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	104597	19.510	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	104597	63.335	ug/l #	11
95) Naphthalene	15.439	128	4856	1.112	ug/l #	85

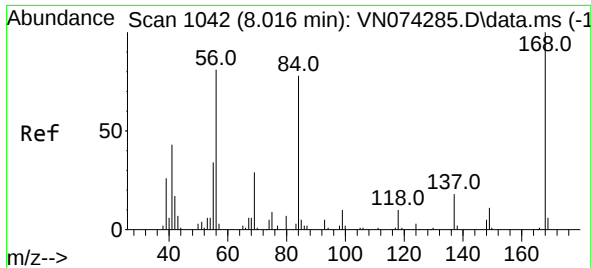
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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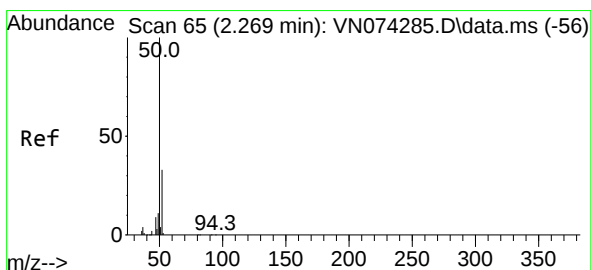
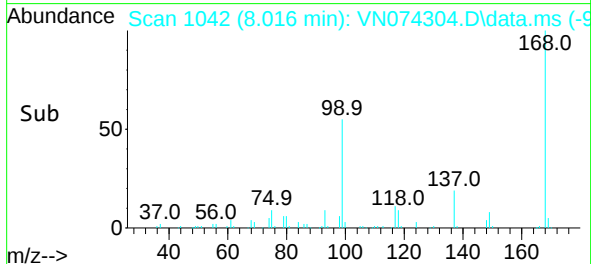
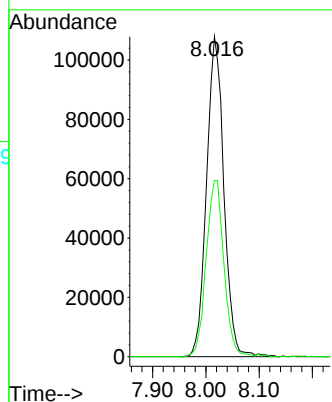
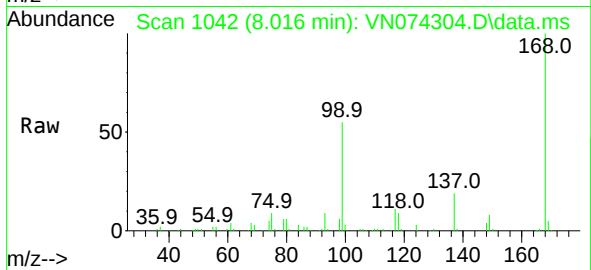




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

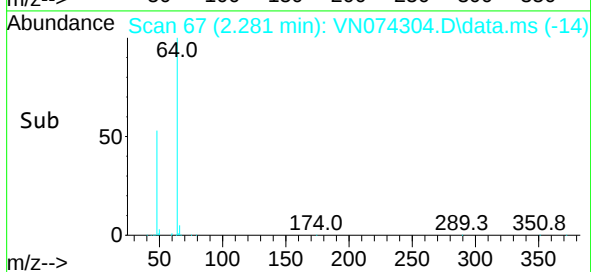
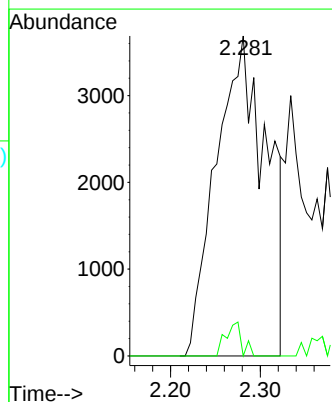
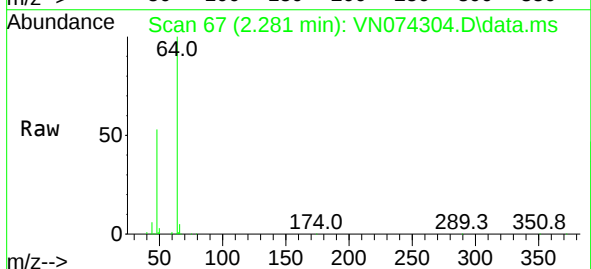
Instrument :
MSVOA_N
ClientSampleId :

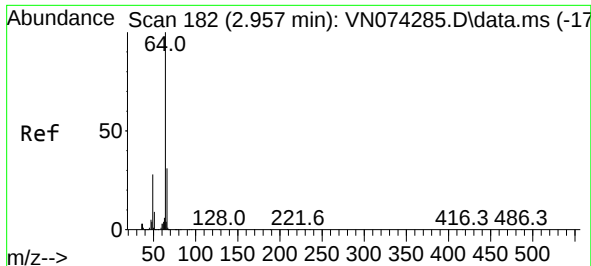
Tgt Ion:168 Resp: 243889
Ion Ratio Lower Upper
168 100
99 55.1 42.3 63.5



#3
Chloromethane
Concen: 4.313 ug/l
RT: 2.281 min Scan# 67
Delta R.T. 0.012 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

Tgt Ion: 50 Resp: 14371
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

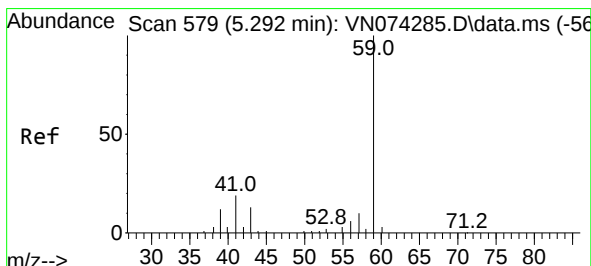
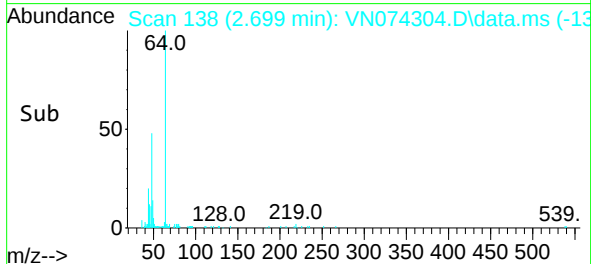
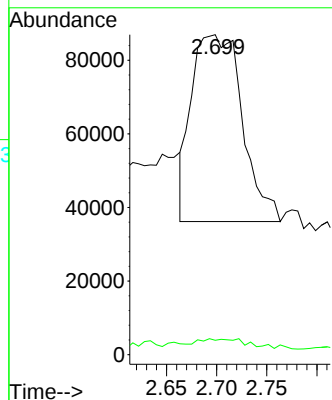
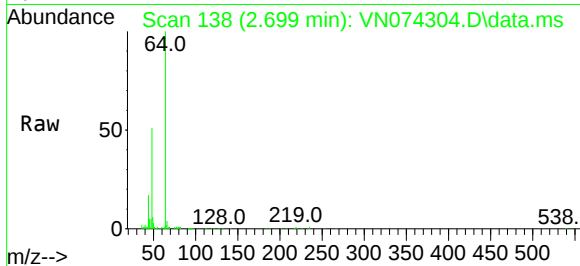




#6
Chloroethane
Concen: 36.398 ug/l
RT: 2.699 min Scan# 11
Delta R.T. -0.252 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

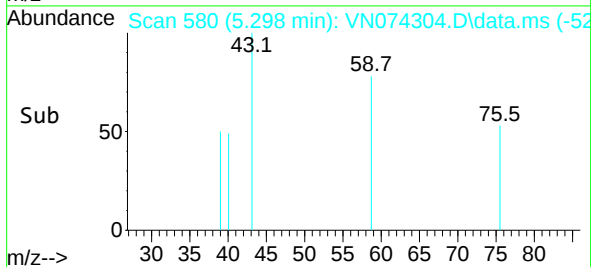
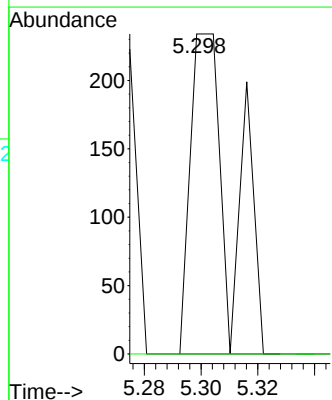
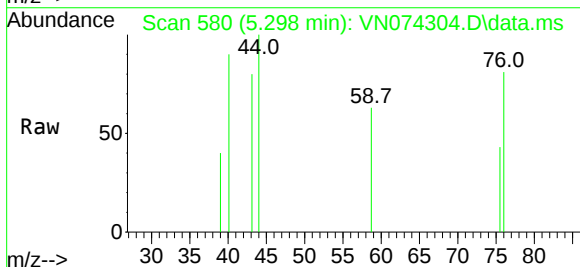
Instrument :
MSVOA_N
ClientSampleId :

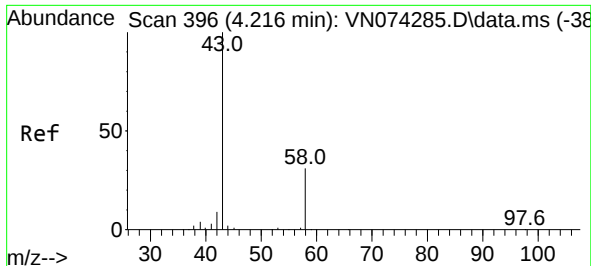
Tgt Ion: 64 Resp: 177738
Ion Ratio Lower Upper
64 100
66 2.5 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.341 ug/l
RT: 5.298 min Scan# 580
Delta R.T. 0.011 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

Tgt Ion: 59 Resp: 235
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

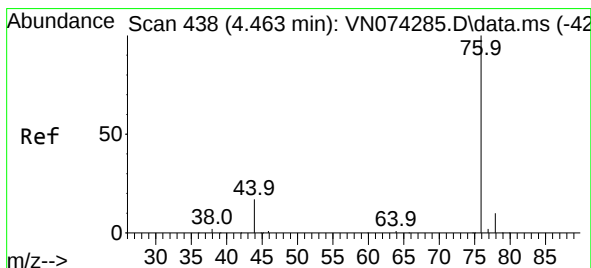
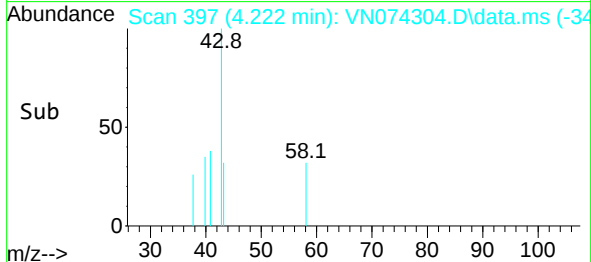
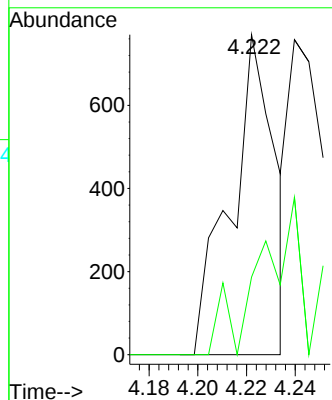
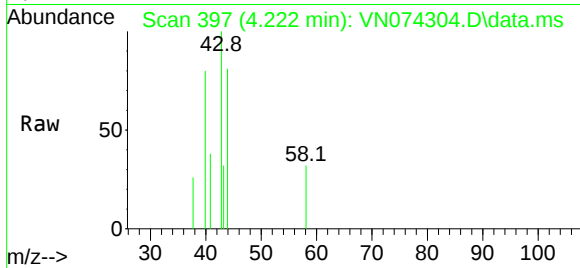




#16
Acetone
Concen: 0.604 ug/l
RT: 4.222 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

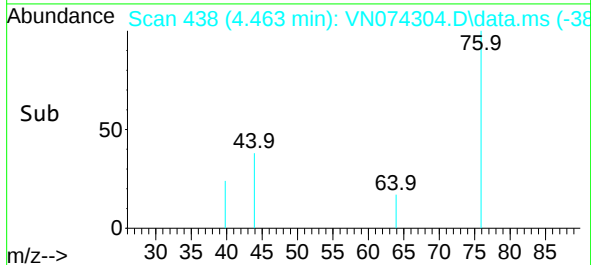
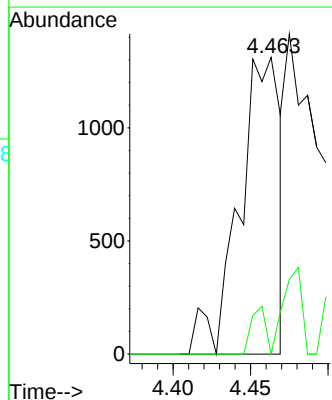
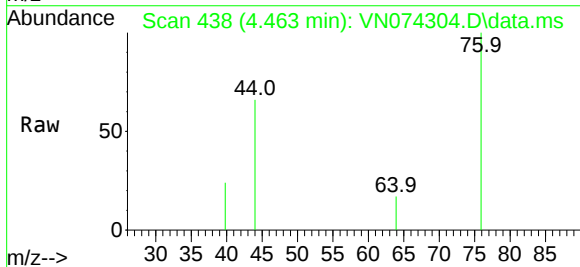
Instrument :
MSVOA_N
ClientSampleId :

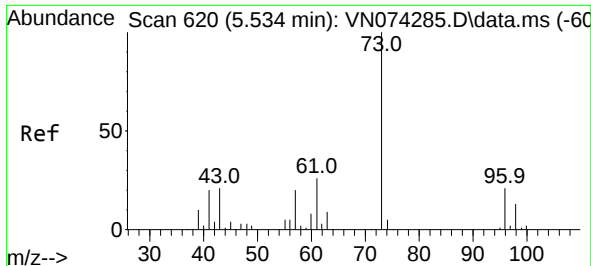
Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
58 24.3 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.404 ug/l
RT: 4.463 min Scan# 438
Delta R.T. 0.012 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

Tgt Ion: 76 Resp: 2422
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#19

Methyl tert-butyl Ether

Concen: 0.930 ug/l

RT: 5.545 min Scan# 61

Delta R.T. 0.011 min

Lab File: VN074304.D

Acq: 02 Sep 2022 23:01

Instrument :

MSVOA_N

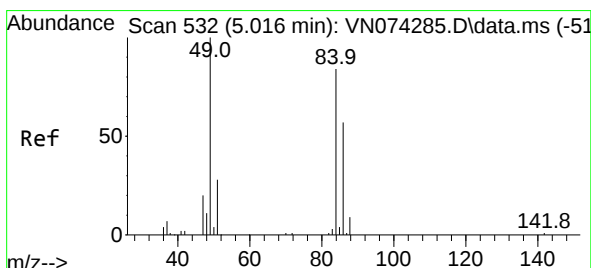
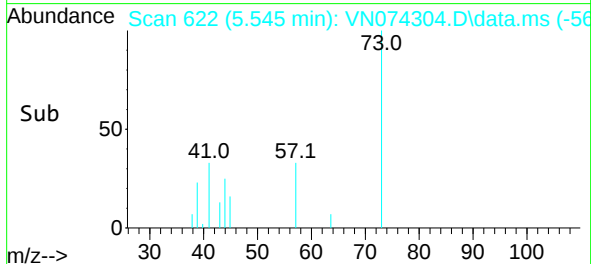
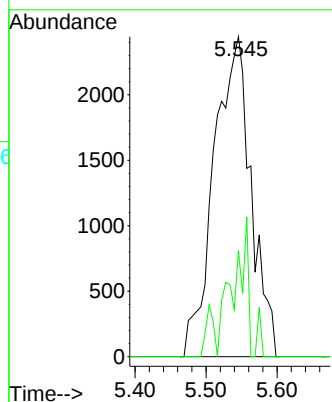
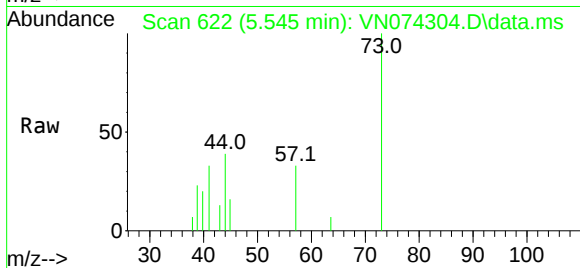
ClientSampleId :

Tgt Ion: 73 Resp: 8848

Ion Ratio Lower Upper

73 100

57 33.1 17.6 26.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.010 min Scan# 531

Delta R.T. 0.000 min

Lab File: VN074304.D

Acq: 02 Sep 2022 23:01

Tgt Ion: 84 Resp: 99

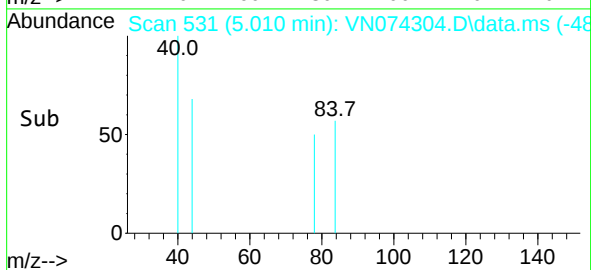
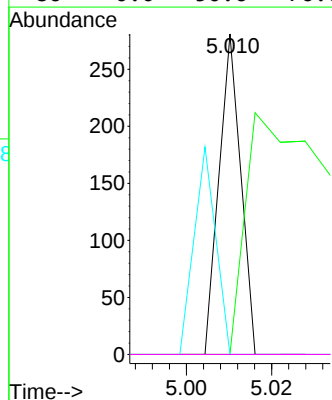
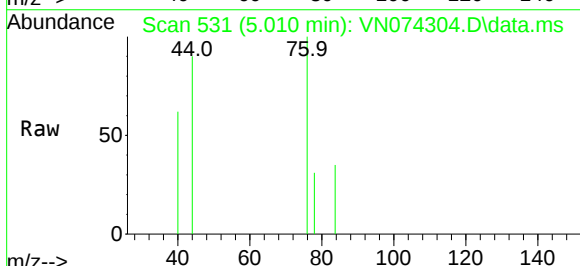
Ion Ratio Lower Upper

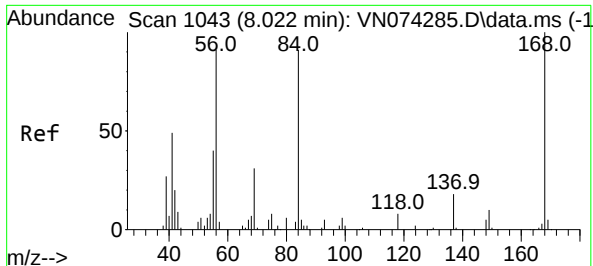
84 100

49 0.0 88.3 132.5#

51 0.0 28.2 42.2#

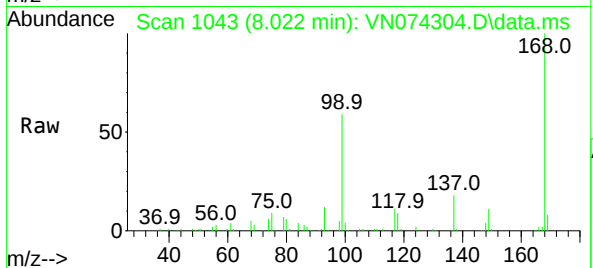
86 0.0 50.6 76.0#



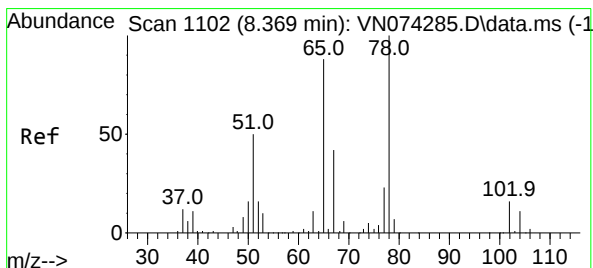
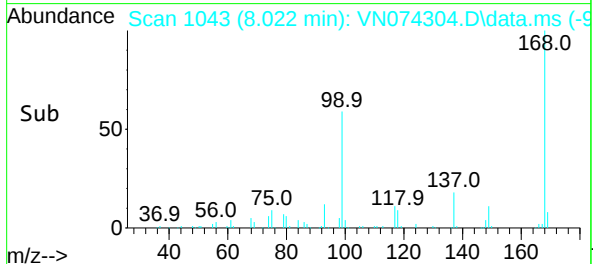
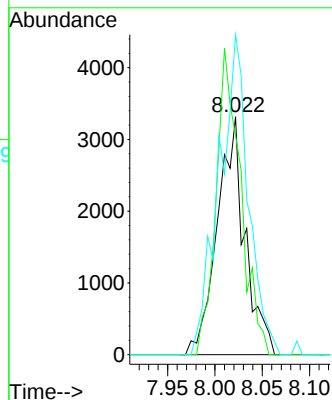


#31
Cyclohexane
Concen: 1.325 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

Instrument :
MSVOA_N
ClientSampleId :

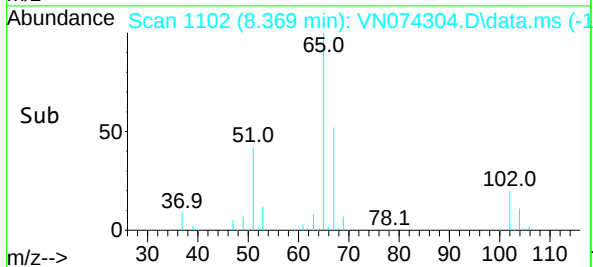
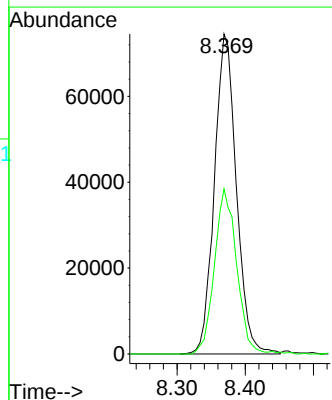
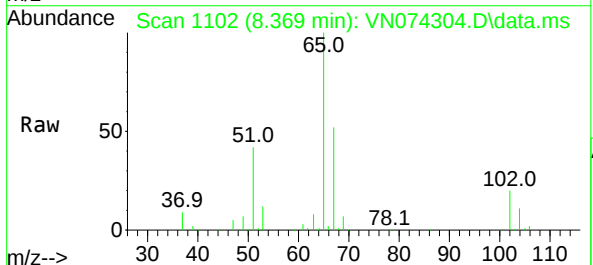


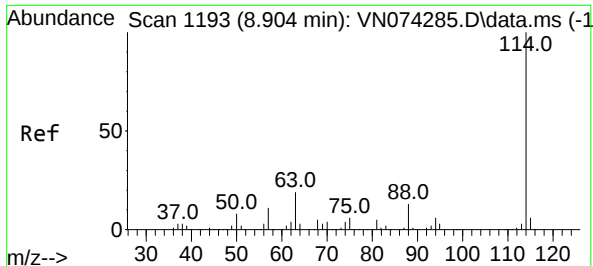
Tgt Ion: 56 Resp: 6727
Ion Ratio Lower Upper
56 100
69 92.2 27.8 41.8#
84 134.5 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 43.959 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

Tgt Ion: 65 Resp: 167122
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074304.D

Acq: 02 Sep 2022 23:01

Instrument :

MSVOA_N

ClientSampleId :

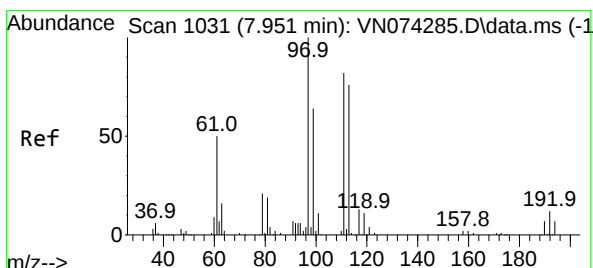
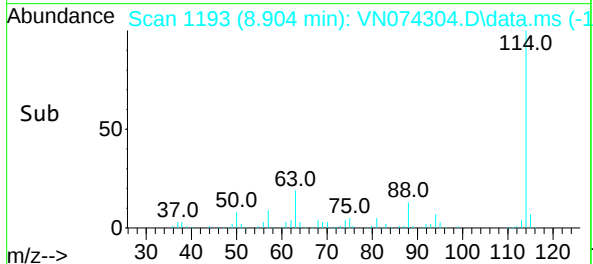
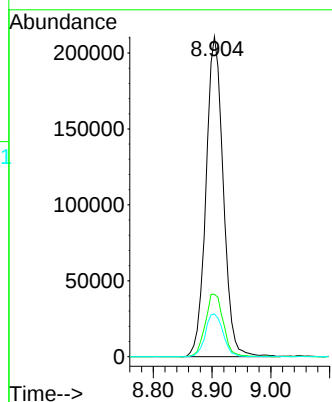
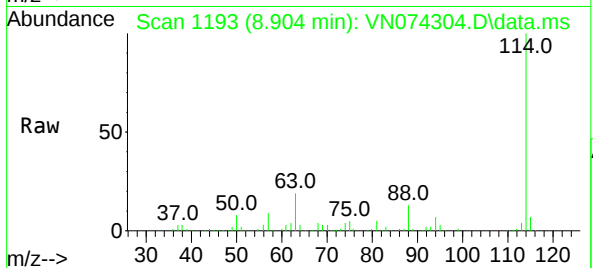
Tgt Ion:114 Resp: 431326

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 13.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.183 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074304.D

Acq: 02 Sep 2022 23:01

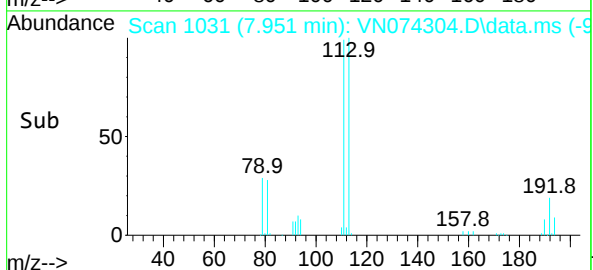
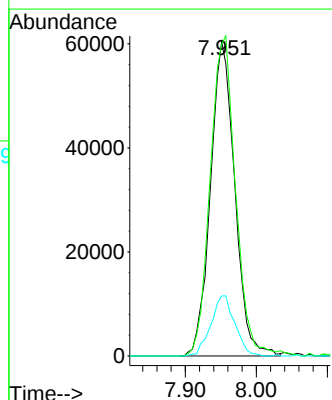
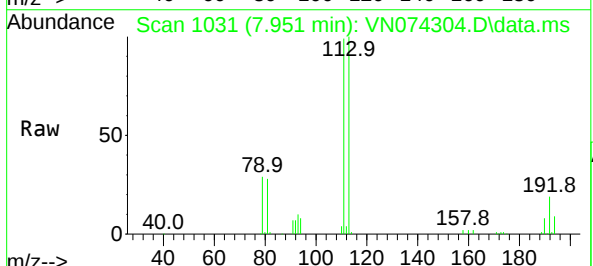
Tgt Ion:113 Resp: 143433

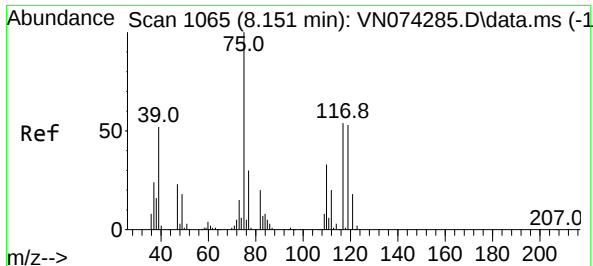
Ion Ratio Lower Upper

113 100

111 106.2 81.4 122.0

192 18.9 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.276 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.141 min

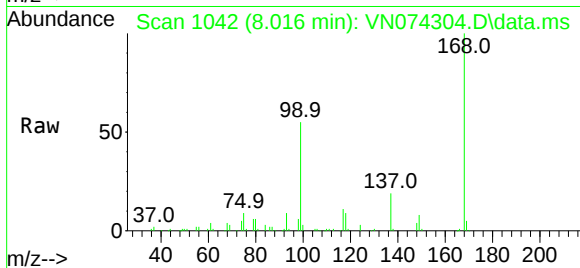
Lab File: VN074304.D

Acq: 02 Sep 2022 23:01

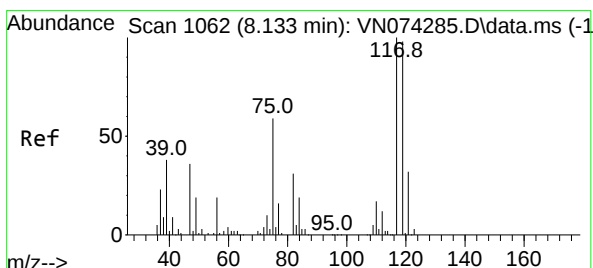
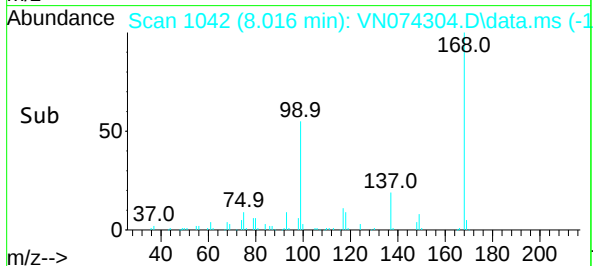
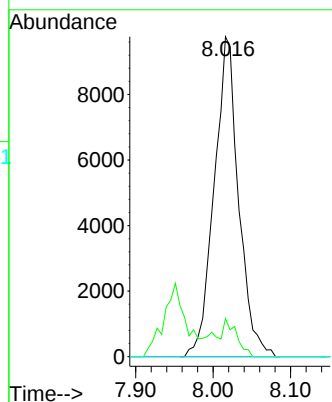
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 21404
Ion Ratio	Lower Upper
75 100	
110 10.4	18.3 54.8#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.396 ug/l

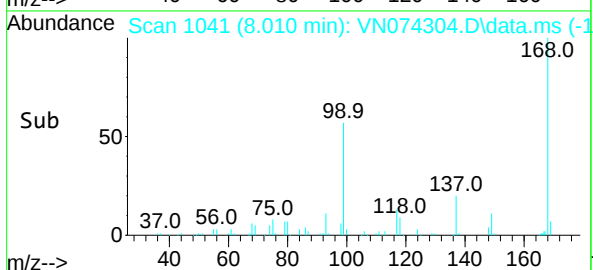
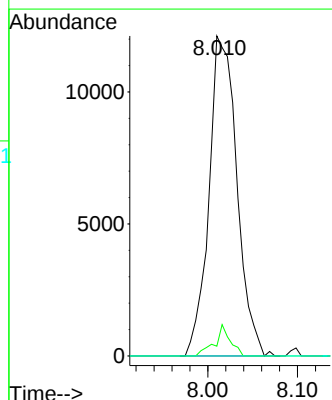
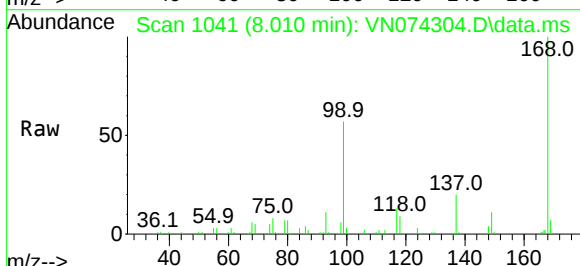
RT: 8.010 min Scan# 1041

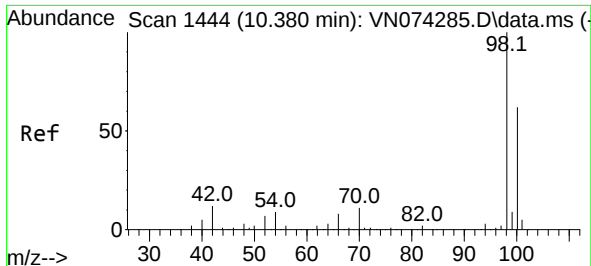
Delta R.T. -0.123 min

Lab File: VN074304.D

Acq: 02 Sep 2022 23:01

Tgt Ion: 117	Resp: 26212
Ion Ratio	Lower Upper
117 100	
119 3.0	75.8 113.8#
121 0.0	24.6 37.0#

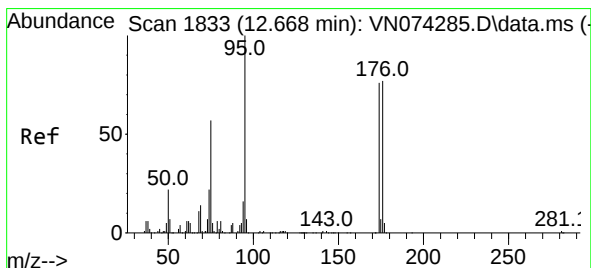
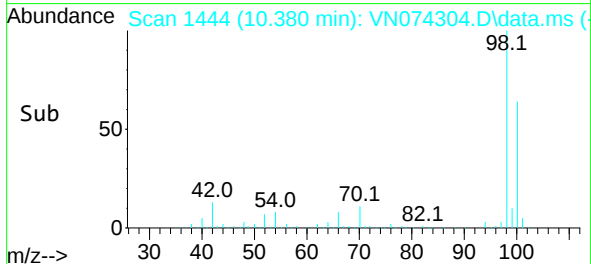
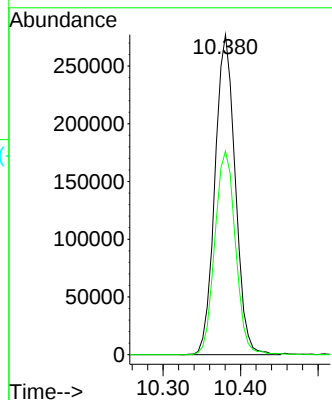
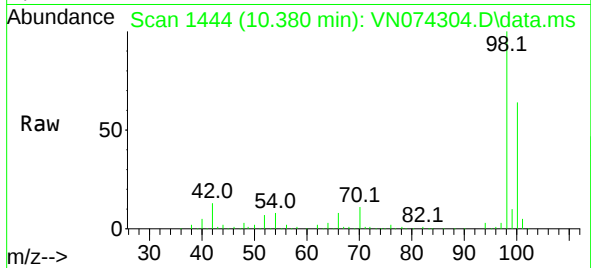




#50
Toluene-d8
Concen: 44.644 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

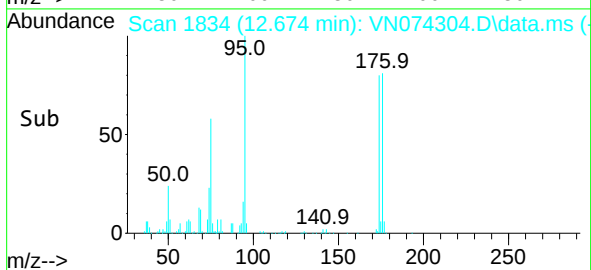
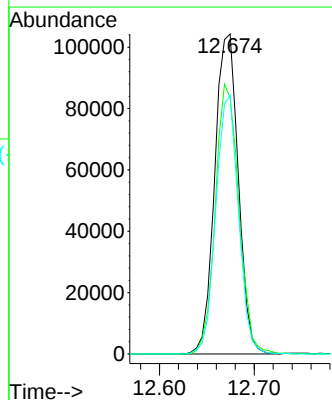
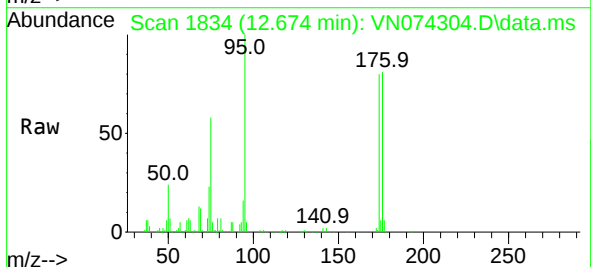
Instrument :
MSVOA_N
ClientSampleId :

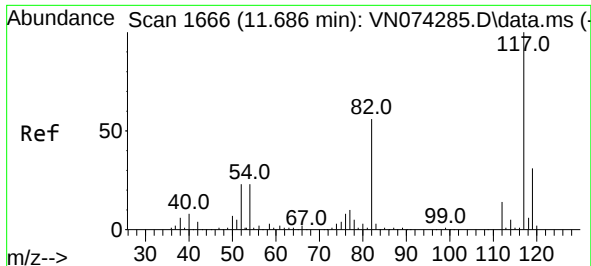
Tgt Ion: 98 Resp: 503154
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.028 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

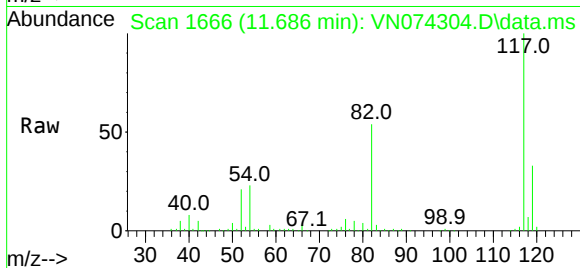
Tgt Ion: 95 Resp: 180087
Ion Ratio Lower Upper
95 100
174 84.2 0.0 167.6
176 78.0 0.0 163.4



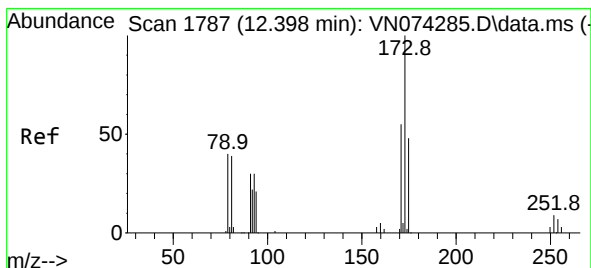
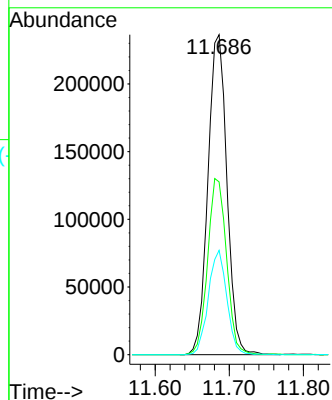
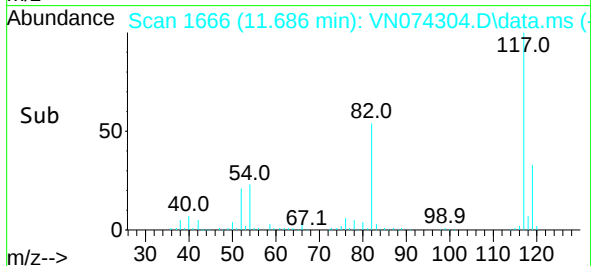


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

Instrument :
MSVOA_N
ClientSampleId :

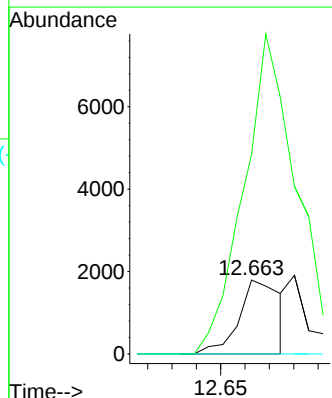
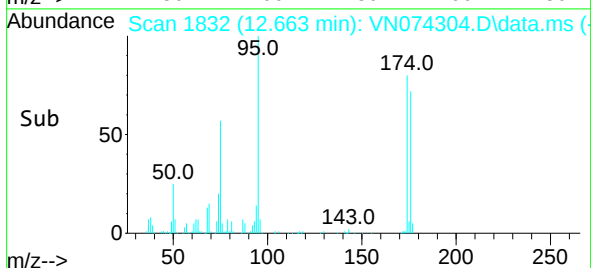
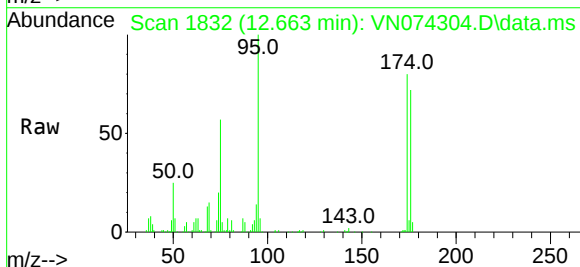


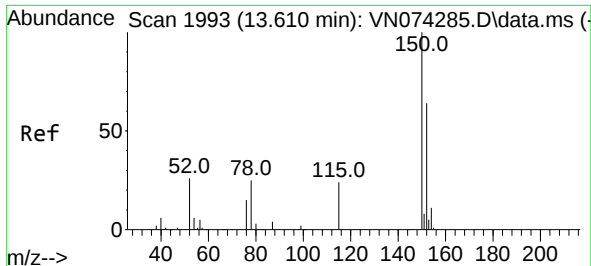
Tgt Ion:117 Resp: 419788
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.6 25.4 38.0



#71
Bromoform
Concen: 0.857 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.265 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

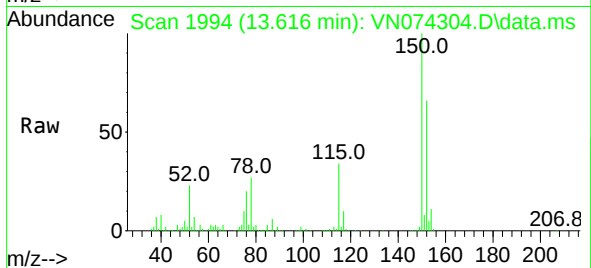
Tgt Ion:173 Resp: 2117
Ion Ratio Lower Upper
173 100
175 402.0 24.6 73.6#
254 0.0 0.1 0.1#



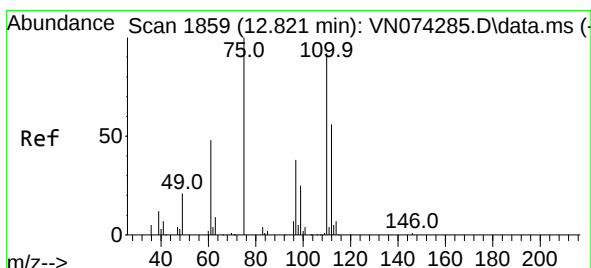
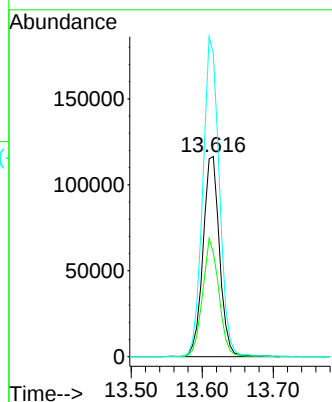
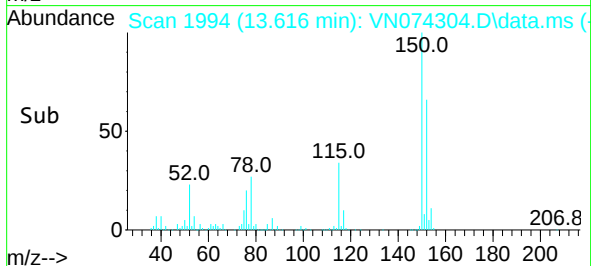


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: VN074304.D
 Acq: 02 Sep 2022 23:01

Instrument :
 MSVOA_N
 ClientSampleId :

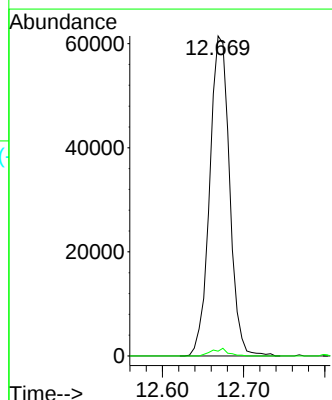
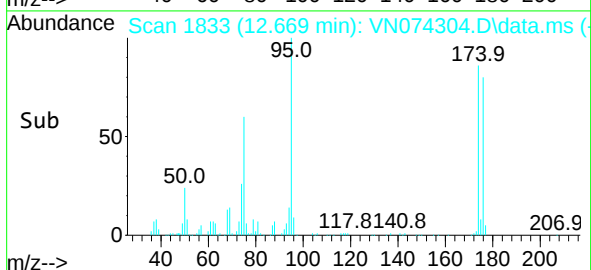
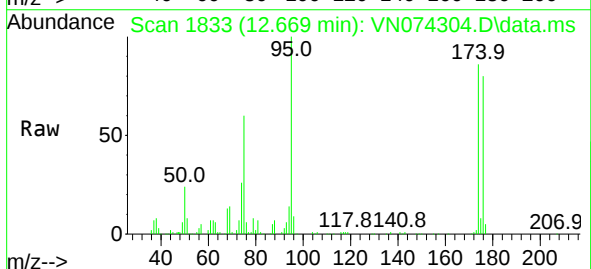


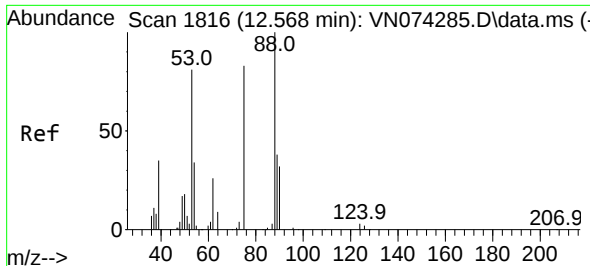
Tgt Ion:152 Resp: 189291
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.9 86.7
 150 159.3 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 19.510 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. -0.152 min
 Lab File: VN074304.D
 Acq: 02 Sep 2022 23:01

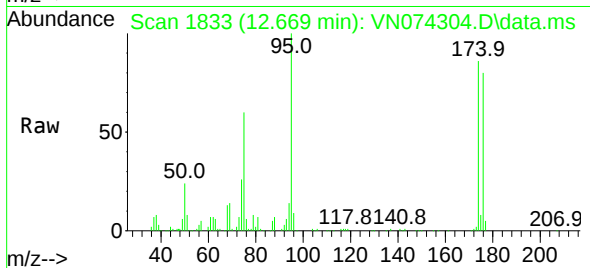
Tgt Ion: 75 Resp: 104597
 Ion Ratio Lower Upper
 75 100
 77 1.9 98.5 295.5#



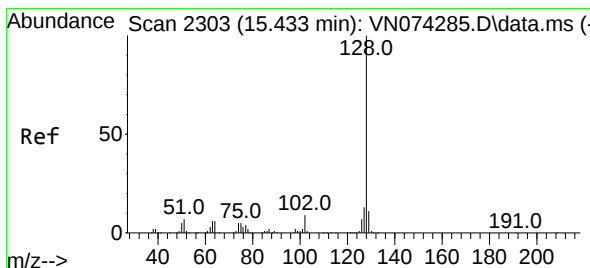
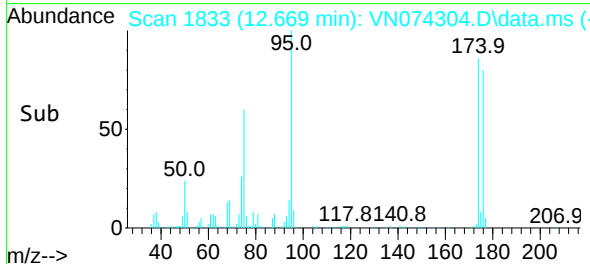
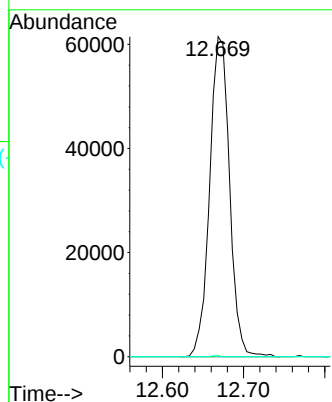


#81
trans-1,4-Dichloro-2-butene
Concen: 63.335 ug/l
RT: 12.669 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 104597
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.1 37.2 55.8#



#95
Naphthalene
Concen: 1.112 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN074304.D
Acq: 02 Sep 2022 23:01

Tgt Ion: 128 Resp: 4856
Ion Ratio Lower Upper
128 100
127 10.3 10.3 15.5#
129 1.3 8.6 13.0#

